

State of California, State Water Resources Control Board

Division of Water Rights

P.O. Box 2000, Sacramento, CA 95812-2000

Info: (916) 341-5300, FAX: (916) 341-5400 Web: <http://waterrights.ca.gov>

S002042

2005, 2006, 2007

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FORM

Owner(s) of Record:

CITY OF SANTA CRUZ

Notifying the Division of Water Rights of ownership or address changes is the responsibility of the claimant

Please Complete and Return This Form by JULY 1, 2008

Primary Contact:

CITY OF SANTA CRUZ

809 CENTER ST 212 Locust Street, Suite A  
SANTA CRUZ, CA 95060

Phone No. 831-420-5200

Fax No. 831-420-5201

E-mail Address: bkocher@ci.santa-cruz.ca.us

Agent:

Address:

Phone No.

Fax No.

E-mail Address:

Water Resources Management

City of Santa Cruz

715 Graham Hill Road

Santa Cruz, CA 95060

831-420-5460

831-420-6220

kharris@ci.santa-cruz.ca.us

Source Name: LAGUNA CREEK

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion within: SW 1/4 of SW 1/4 Section 30, T 10 S, R 2 W, MDB&M

Year of First Use: 1890

Name of Diversion works:

Assessor Parcel Number  
of the Diversion site: 002-101-

A. **Water is Used Under:** Riparian claim ☐ Pre-1914 claim ☒ Court Decree No.:                      Other (explain):                     

B. **Year of First Use:** (Please provide if missing in the Division of Rights database (ewrms))                     

C. **Rate of Diversion:** The rate of diversion of water for each month used and entered in the table below is shown in units of  
Gallons per minute (gpm)                      Gallons per day (gpd) ☒ (MGD)                      Cubic feet per second (cfs)                     

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Average Rate
2005	3.39	3.15	3.51	3.80	4.02	3.47	2.70	2.04	1.52	1.21	0.90	2.05	2.60
2006	3.71	3.48	4.09	3.36	4.10	4.04	3.35	2.35	1.82	1.33	1.32	1.50	2.84
2007	1.03	2.21	1.90	1.10	0.78	0.62	0.46	0.31	0.25	0.24	0.25	0.40	0.79

*Average rates are weighted means based on the number of days in service each month.*

D. **Quantity of Water Used:** The quantity of water used each month and entered in the table below is shown in units of:  
Gallons                      Million Gallons (MG) ☒                      Acre-feet (AF)                     

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
2005	84.82	78.76	70.27	113.87	124.55	100.76	83.66	63.17	45.48	37.43	26.86	53.24	882.88
2006	100.09	94.00	106.29	77.25	127.00	121.11	103.94	72.94	54.64	37.20	39.64	46.46	980.56
2007	29.88	59.70	58.93	28.58	24.15	18.59	14.12	9.56	7.35	6.11	7.13	12.34	276.43

E. **Purpose of Use** - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation                      acres; Stockwatering                     

Other (specify) municipal supply

Domestic 90,000±

Parcel Number(s) of Place of Use: within The City of Santa Cruz service area

F. **Changes in Method of Diversion** - Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

G. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO ☐

Describe any water conservation efforts you have initiated: see "Attachment to Supplemental Statement of Water Diversion and Use"

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year 05 158.4 (AF/MG) Year 06 176.9 (AF/MG) Year 07 195.4 (AF/MG)

*EWRTMS/cn  
4/15/08*

Reduction in consumptive use:

Year 05 158.4 (AF/MG) Year 06 176.9 (AF/MG) Year 07 195.4 (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO ☐

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:

Year 05 210.79 (AF/MG) Year 06 231.194 (AF/MG) Year 07 231.534 (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:

Year 05 210.79 (AF/MG) Year 06 231.194 (AF/MG) Year 07 231.534 (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year 05 84.86 (AF/MG) Year 06 117.61 (AF/MG) Year 07 167.95 (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/12, 2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher

(first name)

(middle initial)

(last name)

COMPANY NAME: City of Santa Cruz Water Department

If there is insufficient space for your answers, please use the space provided below or add an attachment sheet.

ITEM

CONTINUATION

G1b, G2b, G3b

These amounts are cumulative for all of the City's  
appropriative water rights, which function together  
to provide for the City's water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. After the formation of the California Water Commission back on December 19, 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.



WATER DEPARTMENT

August 27, 2008

Victoria Whitney, Deputy Director  
Division of Water Rights  
STATE WATER RESOURCES CONTROL BOARD  
PO Box 2000  
Sacramento, CA 95812-2000

Re: Supplemental Statements of Water Diversion and Use for  
Laguna Creek (S002042), Liddell Spring (S002043),  
Majors Creek (S002044) and Reggiardo Creek (S008610);  
Progress Report by Permittee for permit numbers 016123 and 016601

Dear Ms. Whitney:

Enclosed are the Supplemental Statements for the above-referenced rights for the years 1976 through 2005. A Supplemental Statement for S008610 is also included for the years 1973-1975. These Supplemental Statements are original filings for the years 2001 through 2005, but are otherwise corrective filings. They are based on sequential reporting periods.

Also enclosed are the Progress Reports for Permittee for the above-referenced rights for the years 1977 through 2006. These Progress Reports are corrective filings based on our most current data.

Please correct your records to reflect the City's current contact information, which is:

City of Santa Cruz  
Water Department  
212 Locust Street  
Santa Cruz, CA 95060

Please call me if you have any questions about the foregoing or if you need anything further to process the contact information update. Thank you.

Sincerely,

Bill Kocher  
Water Director

Cc w/ Encl.: Read file  
Martha H. Lennihan, Esq.

**S002042**  
**1976, 1977, 1978**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2W, MDB&M

Year of First Use: 1890

Parcel Number: 062-101-03

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons Million Gallons (MG) ☒ Acre-feet (AF) Other

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1976	13.239	11.895	17.313	17.044	11.084	10.757	2.741	4.702	6.797	6.443	6.891	6.764	115.670
1977	8.754	9.094	9.785	9.624	6.016	1.512	3.689	2.442	2.343	6.406	6.468	14.862	80.995
1978	56.470	101.920	95.558	94.159	113.317	76.291	55.782	37.240	33.419	24.809	19.472	21.908	730.345

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 58,700 persons served.  
Other (specify) Municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES \_\_\_\_\_ NO ☒  
Describe any water conservation efforts you have initiated: \_\_\_\_\_

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)

Reduction in consumptive use:

Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_\_ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '76 44.674 mg (AF/MG) Year '77 30.679 mg (AF/MG) Year '78 49.859 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '76 44.674 mg (AF/MG) Year '77 30.679 mg (AF/MG) Year '78 49.859 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '76 248.72 mg (AF/MG) Year '77 48.15 mg (AF/MG) Year '78 85.50 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27/08 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

**S002042**  
1979, 1980, 1981

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

CORRECTED SUPPLEMENTAL STATEMENT

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW 1/4 Section 30, T10S, R2W MDB&M

Year of First Use: 1890

Parcel Number: 062-101-03

2009 SEP -8 AM 11:49  
CITY OF SANTA CRUZ  
WATER RIGHTS DIVISION

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>			Acre-feet (AF)			Other			Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1979	35.587	31.252	73.470	103.073	78.536	51.577	42.024	36.831	29.891	17.243	118.321	20.793	
1980	48.815	31.683	101.226	101.097	99.650	88.194	62.267	60.585	41.601	34.505	28.882	17.720	
1981	17.383	28.205	35.253	53.758	46.122	31.426	22.379	21.138	19.754	14.763	14.543	31.876	

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 68,300 persons served;  
Other (specify) Municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES \_\_\_\_\_ NO ☒  
Describe any water conservation efforts you have initiated: \_\_\_\_\_

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)

Reduction in consumptive use:

Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_\_ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '79 49.119 mg (AF/MG) Year '80 56.343 mg (AF/MG) Year '81 50.909 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '79 49.119 mg (AF/MG) Year '80 56.343 mg (AF/MG) Year '81 50.909 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '79 8.47 mg (AF/MG) Year '80 34.24 mg (AF/MG) Year '81 150.50 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher

(first name)

(middle initial)

(last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM

CONTINUATION

F

All amounts are cumulative for all of the City's appropriative water rights and are claimed

as such for each of the rights, which function together to provide for the City water supply.

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An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

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**S002042**  
**1982, 1983, 1984**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

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Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S 002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMD&M

Year of First Use: 1890

Parcel Number: 062-101-03

2008 SEP -8 PM 11:49

- A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_
- B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)			Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1982	78.453	89.114	61.347	73.241	130.671	106.971	93.726	71.114	43.951	34.529	29.994	45.466	858.577
1983	46.300	12.550	8.473	87.218	65.842	114.377	101.093	87.605	60.909	26.694	18.667	25.621	655.349
1984	111.885	54.345	72.467	58.899	64.575	51.287	41.441	36.025	33.911	23.253	5.161	20.465	573.714

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 69,300 persons served  
Other (specify) Municipal supply within the City of Santa Cruz service area
- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.) \_\_\_\_\_
- F. Please answer only those questions below which are applicable to your project.

1. Conservation of water
- a. Are you now employing water conservation efforts? YES \_\_\_\_\_ NO ☒  
Describe any water conservation efforts you have initiated: \_\_\_\_\_
- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:
- Reduction in Diversions:  
Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)
- Reduction in consumptive use:  
Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)
- I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_\_ NO \_\_\_\_\_



2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '82 70.753 mg (AF/MG) Year '83 76.231 mg (AF/MG) Year '84 62.688 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '82 70.753 mg (AF/MG) Year '83 76.231 mg (AF/MG) Year '84 62.688 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '82 76.62 mg (AF/MG) Year '83 100.53 mg (AF/MG) Year '84 145.32 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 20 08 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

**S002042**  
**1985, 1986, 1987**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMD&M

Year of First Use: 1890

Parcel Number: 062-101-03

- A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_
- B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
1985	44.536	42.713	28.196	68.187	56.843	49.139	39.421	27.130	22.490	20.559	14.431	27.476	441.121	
1986	26.678	20.629	60.057	99.599	87.670	84.403	66.563	43.286	33.022	30.271	24.419	14.466	591.063	
1987	8.228	7.496	29.890	34.732	31.089	23.151	17.821	15.209	12.859	6.858	5.162	10.650	203.145	

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 77,300 persons served  
Other (specify) Municipal supply within the City of Santa Cruz service area
- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.) \_\_\_\_\_
- F. Please answer only those questions below which are applicable to your project.

1. Conservation of water
- a. Are you now employing water conservation efforts? YES \_\_\_\_\_ NO ☒  
Describe any water conservation efforts you have initiated: \_\_\_\_\_
- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:
- Reduction in Diversions:  
Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)
- Reduction in consumptive use:  
Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG) Year \_\_\_\_\_ (AF/MG)
- I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_\_ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '85 76.718 mg (AF/MG) Year '86 123.191 mg (AF/MG) Year '87 86.801 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '85 76.718 mg (AF/MG) Year '86 123.191 mg (AF/MG) Year '87 86.801 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '85 174.66 mg (AF/MG) Year '86 33.58 mg (AF/MG) Year '87 389.61 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 20 98 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA  
There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

**S002042**  
1988, 1989, 1990

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section 30, T10S, R2W MDB&M

Year of First Use: 1890

Parcel Number: 062-101-03

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- A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_
- B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
1988	25.042	30.246	21.578	11.325	19.116	15.958	11.706	26.384	20.772	17.423	11.401	11.883	222.834	
1989	23.911	13.652	18.424	37.361	18.120	36.500	25.455	28.836	28.000	25.749	39.579	35.062	330.649	
1990	28.569	23.099	21.602	19.812	17.138	28.588	23.418	37.711	32.798	32.585	32.334	21.245	318.899	

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 80,000 persons served  
Other (specify) Municipal supply within the City of Santa Cruz service area
- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.) \_\_\_\_\_
- F. Please answer only those questions below which are applicable to your project.

1. Conservation of water
- a. Are you now employing water conservation efforts? YES ☒ NO \_\_\_\_\_  
Describe any water conservation efforts you have initiated: "See "Attachment to Supplemental Statement of Water Diversion and Use"
- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:
- Reduction in Diversions:  
Year '88 415 mg (AF/MG) Year '89 686 mg (AF/MG) Year '90 981 mg (AF/MG)
- Reduction in consumptive use:  
Year '88 415 mg (AF/MG) Year '89 686 mg (AF/MG) Year '90 981 mg (AF/MG)
- I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '88 82.992 mg (AF/MG) Year '89 93.674 mg (AF/MG) Year '90 125.93 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '88 82.992 mg (AF/MG) Year '89 93.674 mg (AF/MG) Year '90 125.93 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '88 429.77 mg (AF/MG) Year '89 298.60 mg (AF/MG) Year '90 227.44 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27/2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

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**Attachment to Supplemental Statement of Water Diversion and Use  
1988-1992**

**Description of conservation of water efforts.**

The City of Santa Cruz was under a declared water supply emergency for a six year period from 1988 through 1992 due to abnormally low rainfall, runoff, and reservoir storage. During this period, the City instituted a variety of voluntary and mandatory watering restrictions designed to reduce peak season water demand and to preserve reservoir storage. Drought response actions included: extensive public education campaign, prohibitions on outdoor washing, time-of-day and day-of-week watering restrictions, commercial water budgets, residential water rationing, and penalties for excessive use.

**S002042**  
1991, 1992, 1993

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMD&M

Year of First Use: 1890

Parcel Number: 062-101-03

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4:11:49

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)			Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1991	17.833	22.350	2.664	30.162	25.473	37.922	28.281	26.873	20.035	15.121	14.418	7.757	248.889
1992	14.161	7.846	24.312	32.683	30.294	29.678	29.348	22.932	20.903	19.142	23.213	8.779	263.291
1993	2.333	12.545	45.498	79.834	65.238	58.762	55.587	42.810	33.800	26.158	17.575	12.720	452.860

D. **Purpose of Use** - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 85,000 persons served  
Other (specify) Municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** - Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO \_\_\_\_\_  
Describe any water conservation efforts you have initiated: "See "Attachment to Supplemental Statement of Water Diversion and Use"

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year '91 1189 mg (AF/MG) Year '92 846 mg (AF/MG) Year '93 789 mg (AF/MG)

Reduction in consumptive use:

Year '91 1189 mg (AF/MG) Year '92 846 mg (AF/MG) Year '93 789 mg (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '91 86.39 mg (AF/MG) Year '92 121.07 mg (AF/MG) Year '93 117 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '91 86.39 mg (AF/MG) Year '92 121.07 mg (AF/MG) Year '93 117 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '91 178.74 mg (AF/MG) Year '92 264.40 mg (AF/MG) Year '93 135.46 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.



**Attachment to Supplemental Statement of Water Diversion and Use  
1993-1998**

**Description of conservation of water efforts.**

Drought restrictions were suspended in 1993. Water conservation activities were scaled back to normal, with focus being on prevention of water waste and customer-side leak detection. The City adopted a new water efficient landscape ordinance in compliance with Government Code section 65591 et seq. establishing regulations for landscape design and irrigation efficiency in new private and public development projects.

**S002042**  
**1994, 1995, 1996**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S 002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section 30, T10S, R2W MDB&M

Year of First Use: 1890

Parcel Number: 062-101-038

2008 SEP - 8 AM 11:50  
DIV OF WATER RIGHTS  
SACRAMENTO  
STATE WATER RESOURCES CONTROL BOARD

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons			Million Gallons (MG) <input checked="" type="checkbox"/>					Acre-feet (AF)			Other		
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1994	17.759	10.978	37.779	21.918	24.691	25.057	31.305	27.770	45.990	22.289	10.458	10.664	286.658
1995	0.113	30.748	58.104	78.001	89.785	90.549	91.030	79.500	58.700	51.760	42.860	44.230	715.380
1996	41.290	27.382	50.651	68.722	98.922	112.132	92.107	54.529	52.426	43.530	17.036	47.023	705.750

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 86,700 persons served  
Other (specify) Municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO \_\_\_\_\_  
Describe any water conservation efforts you have initiated: "See "Attachment to Supplemental Statement of Water Diversion and Use"

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:  
Year '94 665 mg (AF/MG) Year '95 6.3 mg (AF/MG) Year '96 12.4 mg (AF/MG)

Reduction in consumptive use:  
Year '94 665 mg (AF/MG) Year '95 6.3 mg (AF/MG) Year '96 12.4 mg (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '94 122.94 mg (AF/MG) Year '95 122.94 mg (AF/MG) Year '96 125.68 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '94 122.94 mg (AF/MG) Year '95 122.94 mg (AF/MG) Year '96 125.68 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '94 169.07 mg (AF/MG) Year '95 90.00 mg (AF/MG) Year '96 54.70 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/22/2008 at Santa Cruz, California

SIGNATURE: 

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

**Attachment to Supplemental Statement of Water Diversion and Use  
1993-1998**

**Description of conservation of water efforts.**

Drought restrictions were suspended in 1993. Water conservation activities were scaled back to normal, with focus being on prevention of water waste and customer-side leak detection. The City adopted a new water efficient landscape ordinance in compliance with Government Code section 65591 et seq. establishing regulations for landscape design and irrigation efficiency in new private and public development projects.

**S002042**  
1997, 1998, 1999

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

**CORRECTED SUPPLEMENTAL STATEMENT**

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: S002042  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMD&M

Year of First Use: 1890

Parcel Number: 062-101-03

2000 SEP -8 AM 11:50  
DIVISION OF WATER RIGHTS  
SACRAMENTO

- A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_
- B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
1997	40.886	101.600	106.600	109.663	81.995	67.339	55.673	45.868	38.393	32.721	35.638	64.826	781.202	
1998	79.794	58.186	111.787	51.448	74.179	123.064	116.446	89.030	52.956	53.180	53.631	59.176	922.877	
1999	66.800	53.200	99.790	110.040	120.700	110.440	87.730	65.760	49.380	39.810	35.170	37.638	876.458	

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 87,700 persons served  
Other (specify) municipal supply within the City of Santa Cruz service area
- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.) \_\_\_\_\_

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water
- a. Are you now employing water conservation efforts? YES ☒ NO \_\_\_\_\_  
Describe any water conservation efforts you have initiated: "See "Attachment to Supplemental Statement of Water Diversion and Use"
- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:
- Reduction in Diversions:  
Year '97 21.6 mg (AF/MG) Year '98 32.4 mg (AF/MG) Year '99 42.1 mg (AF/MG)
- Reduction in consumptive use:  
Year '97 21.6 mg (AF/MG) Year '98 32.4 mg (AF/MG) Year '99 42.1 mg (AF/MG)
- I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO \_\_\_\_\_

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:  
Year '97 109.1 mg (AF/MG) Year '98 154.71 mg (AF/MG) Year '99 181.12 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used:  
Year '97 109.1 mg (AF/MG) Year '98 154.71 mg (AF/MG) Year '99 181.12 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '97 79.90 mg (AF/MG) Year '98 99.56 mg (AF/MG) Year '99 92.44 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
F	All amounts are cumulative for all of the City's appropriative water rights and are claimed
	as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

**Attachment to Supplemental Statement of Water Diversion and Use  
1999**

**Description of conservation of water efforts.**

The City continued to expand its water conservation activities in 1999 while completing work on the development of a 10-year water conservation plan. Activities included administration of water waste and landscape conservation ordinances, public information and school education programs, toilet rebate program, distribution system water audit, and development of a high efficiency clothes washer program. Over 3,500 toilets have been replaced under the rebate program since 1995 saving an estimated 35 million gallons of water per year.

**S002042**  
**2000, 2001, 2002**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 200\_

Owner of Record: City of Santa Cruz

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: **S002042**  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW 1/4 Section<sup>30</sup>, T<sup>10S</sup>, R<sup>2W</sup>, MB&M

Year of First Use: 1890  
Parcel Number: 062-101-03

2008 SEP - 8 AM 11:50  
DIVISION OF WATER RIGHTS  
SACRAMENTO  
OFFICE OF THE ATTORNEY GENERAL

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>				Acre-feet (AF)			Other			Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec		
2000	18.036	55.836	65.700	118.157	113.890	101.870	83.107	62.499	44.848	24.259	15.455	37.563	731.220	
2001	59.104	87.033	104.912	72.290	60.454	41.252	16.876	24.453	22.190	22.681	27.970	59.128	598.343	
2002	101.380	102.620	98.120	95.470	71.580	51.760	39.280	30.000	23.730	17.440	16.000	25.850	673.230	

D. **Purpose of Use** - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 90,000 persons served  
Other (specify) municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** - Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO ☐  
Describe any water conservation efforts you have initiated: "See Attachment to Supplemental Statement of Water Diversion and Use"

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year '00 47.7 mg (AF/MG) Year '01 73.7 mg (AF/MG) Year '02 86.2 mg (AF/MG)

Reduction in consumptive use:

Year '00 47.7 mg (AF/MG) Year '01 73.7 mg (AF/MG) Year '02 86.2 mg (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO ☐



2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion: Year '00 214.66 mg (AF/MG) Year '01 228.7 mg (AF/MG) Year '02 238.02 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used: Year '00 214.66 mg (AF/MG) Year '01 228.7 mg (AF/MG) Year '02 238.02 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '00 187.00 mg (AF/MG) Year '01 171.35 mg (AF/MG) Year '02 143.81 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27/2008 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher

(first name)

(middle initial)

(last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM

F

CONTINUATION

All amounts are cumulative for all of the City's appropriative water rights and are claimed

as such for each of the rights, which function together to provide for the City water supply.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

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**Attachment to Supplemental Statement of Water Diversion and Use  
2001-2005**

**Description of conservation of water efforts.**

The City of Santa Cruz is actively implementing a variety of water conservation measures as described in its 2000 Urban Water Management Plan. The City has adopted a comprehensive water conservation plan that identifies a series of 17 ongoing and planned water conservation programs intended to reduce customer demand for water by nearly 300 million gallons per year in 2010. In the period covered by this report, the City implemented the following water conservation best management practices: public information and school education programs, system water audits, residential plumbing fixture retrofit, water efficient landscaping regulations, water waste prohibition, conservation pricing, high efficiency washing machine rebate program, and residential/commercial ultra-low flow toilet replacement programs. In June 2001, the City became a signatory to the *Memorandum of Understanding Regarding Urban Water Conservation in California* and joined the California Urban Water Conservation Council.

**S002042**  
**2003, 2004, 2005**

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**  
If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 200\_

Owner of Record: City of Santa Cruz

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

City of Santa Cruz  
212 Locust Street  
Santa Cruz, CA 95060

STATEMENT NO.: **S 002042**  
CONTACT PHONE NO.: (831)420-5478

Source Name: Laguna Creek

Tributary To: Pacific Ocean

County: Santa Cruz

Diversion Within: SW 1/4 of SW 1/4 Section 30, T 10S, R 2W, MD B&M

Year of First Use: 1890  
Parcel Number: 062-101-03

A. **Water is Used Under:** Riparian claim \_\_\_\_\_ Pre-1914 right ☒ Other (explain): \_\_\_\_\_

B. **Year of First Use:** (Please provide if missing above) \_\_\_\_\_

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG) <input checked="" type="checkbox"/>			Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
2003	97.115	84.366	37.398	76.556	84.313	47.541	24.684	18.578	22.170	16.340	19.006	36.636	564.703
2004	83.508	85.104	116.874	71.899	57.908	43.152	32.807	24.913	18.023	25.654	29.786	43.161	632.789
2005	84.823	78.756	70.267	113.869	124.549	100.760	83.660	63.174	45.484	37.434	26.860	53.240	882.876

D. **Purpose of Use** - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic 90,000 persons served  
Other (specify) municipal supply within the City of Santa Cruz service area

E. **Changes in Method of Diversion** - Describe any changes in your project since your previous statement was filed.  
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO ☐  
Describe any water conservation efforts you have initiated: \*See "Attachment to Supplemental Statement of Water Diversion and Use"

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year '03 103.70 mg (AF/MG) Year '04 125.70 mg (AF/MG) Year '05 158.40 mg (AF/MG)

Reduction in consumptive use:

Year '03 103.70 mg (AF/MG) Year '04 125.70 mg (AF/MG) Year '05 158.40 mg (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ☒ NO ☐

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ☒ NO ☐

- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion: Year '03 212.84 mg (AF/MG) Year '04 213.75 mg (AF/MG) Year '05 210.79 mg (AF/MG)

State the type of substitute water supply: reclaimed water

Amount of substitute water supply used: Year '03 212.84 mg (AF/MG) Year '04 213.75 mg (AF/MG) Year '05 210.79 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ☒ NO ☐

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ☒ NO ☐

- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year '03 129.66 mg (AF/MG) Year '04 123.62 mg (AF/MG) Year '05 84.86 mg (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ☒ NO ☐

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 8/27 20 08 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher  
(first name) (middle initial) (last name)

COMPANY NAME: City of Santa Cruz

If there is insufficient space for your answers, please use the space provided below.

ITEM

F

CONTINUATION

All amounts are cumulative for all of the City's appropriative water rights and are claimed as such for each of the rights, which function together to provide for the City water supply.

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**Attachment to Supplemental Statement of Water Diversion and Use  
2001-2005**

**Description of conservation of water efforts.**

The City of Santa Cruz is actively implementing a variety of water conservation measures as described in its 2000 Urban Water Management Plan. The City has adopted a comprehensive water conservation plan that identifies a series of 17 ongoing and planned water conservation programs intended to reduce customer demand for water by nearly 300 million gallons per year in 2010. In the period covered by this report, the City implemented the following water conservation best management practices: public information and school education programs, system water audits, residential plumbing fixture retrofit, water efficient landscaping regulations, water waste prohibition, conservation pricing, high efficiency washing machine rebate program, and residential/commercial ultra-low flow toilet replacement programs. In June 2001, the City became a signatory to the *Memorandum of Understanding Regarding Urban Water Conservation in California* and joined the California Urban Water Conservation Council.



Arnold  
Schwarzenegger  
Governor

STATE OF CALIFORNIA  
Governor's Office of Planning and Research  
State Clearinghouse and Planning Unit



Jan Boel  
Acting Director

2004 JUN 17 12:32

Notice of Preparation

3002042

June 14, 2004

To: Reviewing Agencies  
Re: North Coast Water Supply System Rehabilitation Project  
SCH# 2004062073

Attached for your review and comment is the Notice of Preparation (NOP) for the North Coast Water Supply System Rehabilitation Project draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency. This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Linette Almond  
City of Santa Cruz  
809 Center Street, Room 102  
Santa Cruz, CA 95060

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan  
Project Analyst, State Clearinghouse

Attachments  
cc: Lead Agency

Document Details Report  
State Clearinghouse Data Base

**SCH#** 2004062073  
**Project Title** North Coast Water Supply System Rehabilitation Project  
**Lead Agency** Santa Cruz, City of

**Type** NOP Notice of Preparation

**Description** This project will restore, replace, rehabilitate, and/or relocate approximately 18 miles of deteriorated pipeline and several raw water diversions.

**Lead Agency Contact**

**Name** Linette Almond  
**Agency** City of Santa Cruz  
**Phone** 831-420-5200  
**email**  
**Address** 809 Center Street, Room 102  
**City** Santa Cruz  
**Fax**  
**State** CA **Zip** 95060

**Project Location**

**County** Santa Cruz  
**City** Santa Cruz  
**Region**  
**Cross Streets** varies.  
**Parcel No.**  
**Township**

**Range**

**Section**

**Base**

**Proximity to:**

**Highways** 1, 9  
**Airports**  
**Railways** UPRR, Big Trees  
**Waterways** San Lorenzo River; various streams and springs  
**Schools** varies  
**Land Use** varies; the existing and proposed system is located in rural coastal areas and the urban areas of the City of Santa Cruz.

**Project Issues** Wildlife; Wetland/Riparian; Water Quality; Vegetation; Traffic/Circulation; Toxic/Hazardous; Soil Erosion/Compaction/Grading; Recreation/Parks; Public Services; Noise; Landuse; Growth Inducing; Geologic/Seismic; Coastal Zone; Air Quality; Archaeologic-Historic; Agricultural Land; Aesthetic/Visual

**Reviewing Agencies** Resources Agency; Regional Water Quality Control Board, Region 3; Department of Parks and Recreation; Native American Heritage Commission; California Coastal Commission; Office of Historic Preservation; Department of Water Resources; Department of Fish and Game, Region 3; Department of Health Services; State Lands Commission; Caltrans, District 5; State Water Resources Control Board

**Date Received** 06/14/2004 **Start of Review** 06/14/2004 **End of Review** 07/13/2004

Note: Blanks in data fields result from insufficient information provided by lead agency.

# **NOP Distribution List**

## Resources Agency

- ☒ Resources Agency  
Nadell Gayou
- ☐ Dept. of Boating & Waterways  
Suzi Betzler
- ☒ California Coastal  
Commisssion  
Elizabeth A. Fuchs
- ☐ Colorado River Board  
Gerald R. Zimmerman
- ☐ Dept. of Conservation  
Roseanne Taylor
- ☐ California Energy  
Commisssion  
Environmental Office
- ☐ Dept. of Forestry & Fire  
Protection  
Allen Robertson
- ☒ Office of Historic  
Preservation  
Hans Kreutzberg
- ☒ Dept of Parks & Recreation  
B. Noah Tilghman  
Environmental Stewardship  
Section
- ☐ Reclamation Board  
DeeDee Jones
- ☐ Santa Monica Mountains  
Conservancy  
Paul Edelman
- ☐ S.F. Bay Conservation &  
Dev't. Comm.  
Steve McAdam
- ☒ Dept. of Water Resources  
Resources Agency  
Nadell Gayou

## Fish and Game

- ☐ Dept. of Fish & Game  
Scott Flint  
Environmental Services Division
- ☐ Dept. of Fish & Game 1  
Donald Koch  
Region 1
- ☐ Dept. of Fish & Game 2  
Banky Curtis  
Region 2

- ☒ Dept. of Fish & Game 3  
Robert Floerke  
Region 3
- ☐ Dept. of Fish & Game 4  
William Lauder milk  
Region 4
- ☐ Dept. of Fish & Game 5  
Don Chadwick  
Region 5, Habitat Conservation  
Program
- ☐ Dept. of Fish & Game 6  
Gabrina Gatchel  
Region 6, Habitat Conservation  
Program
- ☐ Dept. of Fish & Game 6 I/M  
Tammy Allen  
Region 6, Inyo/Mono, Habitat  
Conservation Program
- ☐ Dept. of Fish & Game M  
George Isaac  
Marine Region

## Other Departments

- ☐ Food & Agriculture  
Steve Shaffer  
Dept. of Food and Agriculture
- ☐ Dept. of General Services  
Robert Sleppy  
Environmental Services Section
- ☒ Dept. of Health Services  
Wayne Hubbard  
Dept. of Health/Drinking Water

## Independent Commissions, Boards

- ☐ Delta Protection Commisssion  
Debby Eddy
- ☐ Office of Emergency Services  
John Rowden, Manager
- ☐ Governor's Office of Planning  
& Research  
State Clearinghouse
- ☒ Native American Heritage  
Comm.  
Debbie Treadway

County: Santa Cruz

- ☐ Public Utilities Commission  
Ken Lewis
- ☒ State Lands Commission  
Jean Sarino
- ☐ Tahoe Regional Planning  
Agency (TRPA)  
Cherry Jacques

## Business, Trans & Housing

- ☐ Caltrans - Division of  
Aeronautics  
Sandy Hesnard
- ☐ Caltrans - Planning  
Terri Pencovic
- ☐ California Highway Patrol  
John Olejnik  
Office of Special Projects
- ☐ Housing & Community  
Development  
Cathy Creswell  
Housing Policy Division

## Dept. of Transportation

- ☐ Dept. of Transportation 1.  
Mike Eagan  
District 1
- ☐ Dept. of Transportation 2  
Don Anderson  
District 2
- ☐ Dept. of Transportation 3  
Jeff Puiverman  
District 3
- ☐ Dept. of Transportation 4  
Tim Sable  
District 4
- ☒ Dept. of Transportation 5  
David Murray  
District 5
- ☐ Dept. of Transportation 6  
Marc Birnbaum  
District 6
- ☐ Dept. of Transportation 7  
Cheryl J. Powell  
District 7

- ☐ Dept. of Transportation 8  
John Pagano  
District 8
- ☐ Dept. of Transportation 9  
Gayle Rosander  
District 9
- ☐ Dept. of Transportation 10  
Tom Dumas  
District 10
- ☐ Dept. of Transportation 11  
Mario Orso  
District 11
- ☐ Dept. of Transportation 12  
Bob Joseph  
District 12

## Cal EPA

### Air Resources Board

- ☐ Airport Projects  
Jim Lerner
- ☐ Transportation Projects  
Kurt Karperos
- ☐ Industrial Projects  
Mike Tollstrup

- ☐ California Integrated Waste  
Management Board  
Sue O'Leary
- ☐ State Water Resources Control  
Board  
Jim Hockenberry  
Division of Financial Assistance
- ☐ State Water Resources Control  
Board  
Student Intern, 401 Water Quality  
Certification Unit  
Division of Water Quality
- ☒ State Water Resouces Control Board  
Steven Herrera  
Division of Water Rights
- ☐ Dept. of Toxic Substances Control  
CEQA Tracking Center

SCH# 2004062073

## Regional Water Quality Control Board (RWQCB)

- ☐ RWQCB 1  
Cathleen Hudson  
North Coast Region (1)
- ☐ RWQCB 2  
Environmental Document  
Coordinator  
San Francisco Bay Region (2)
- ☒ RWQCB 3  
Central Coast Region (3)
- ☐ RWQCB 4  
Jonathan Bishop  
Los Angeles Region (4)
- ☐ RWQCB 5S  
Central Valley Region (5)
- ☐ RWQCB 5F  
Central Valley Region (5)  
Fresno Branch Office
- ☐ RWQCB 5R  
Central Valley Region (5)  
Redding Branch Office
- ☐ RWQCB 6  
Lahontan Region (6)
- ☐ RWQCB 6V  
Lahontan Region (6)  
Victorville Branch Office
- ☐ RWQCB 7  
Colorado River Basin Region (7)
- ☐ RWQCB 8  
Santa Ana Region (8)
- ☐ RWQCB 9  
San Diego Region (9)

☐ Other \_\_\_\_\_

Last Updated on 05/21/04





WATER DEPARTMENT  
809 Center Street, Room 102, Santa Cruz, CA 95060 • (831) 420-5200 • Fax (831) 420-5201

**DATE:** June 9, 2004

**TO:** Interested Parties

**FROM:** City of Santa Cruz  
Water Department  
Santa Cruz, California

**SUBJECT:** Notice of Preparation of a Program Environmental Impact Report

**PROJECT TITLE:** North Coast System Rehabilitation Project

**PROJECT APPLICANT:** City of Santa Cruz

The City of Santa Cruz will be the lead agency and will prepare a program environmental impact report (PEIR) for the project identified below. We would appreciate your agency's input on the appropriate scope and content of the PEIR with respect to your statutory responsibilities in connection with the proposed project. As part of your response, please provide the following information:

- The name, title, address, phone number, and e-mail address of the contact person to whom project correspondence should be directed;
- The types of permits or approvals that your agency may require, including applicable code sections and a summary of typical requirements; and
- The significant environmental issues and reasonable alternatives and mitigation measures that will need to be included in the PEIR to allow your agency to issue such approvals (CEQA Guidelines §15082[b][1][A]).

Due to the time limits mandated by state law, your response must be sent at the earliest possible date but not later than 30 days after you receive this notice. Please forward your formal responses/comments to:

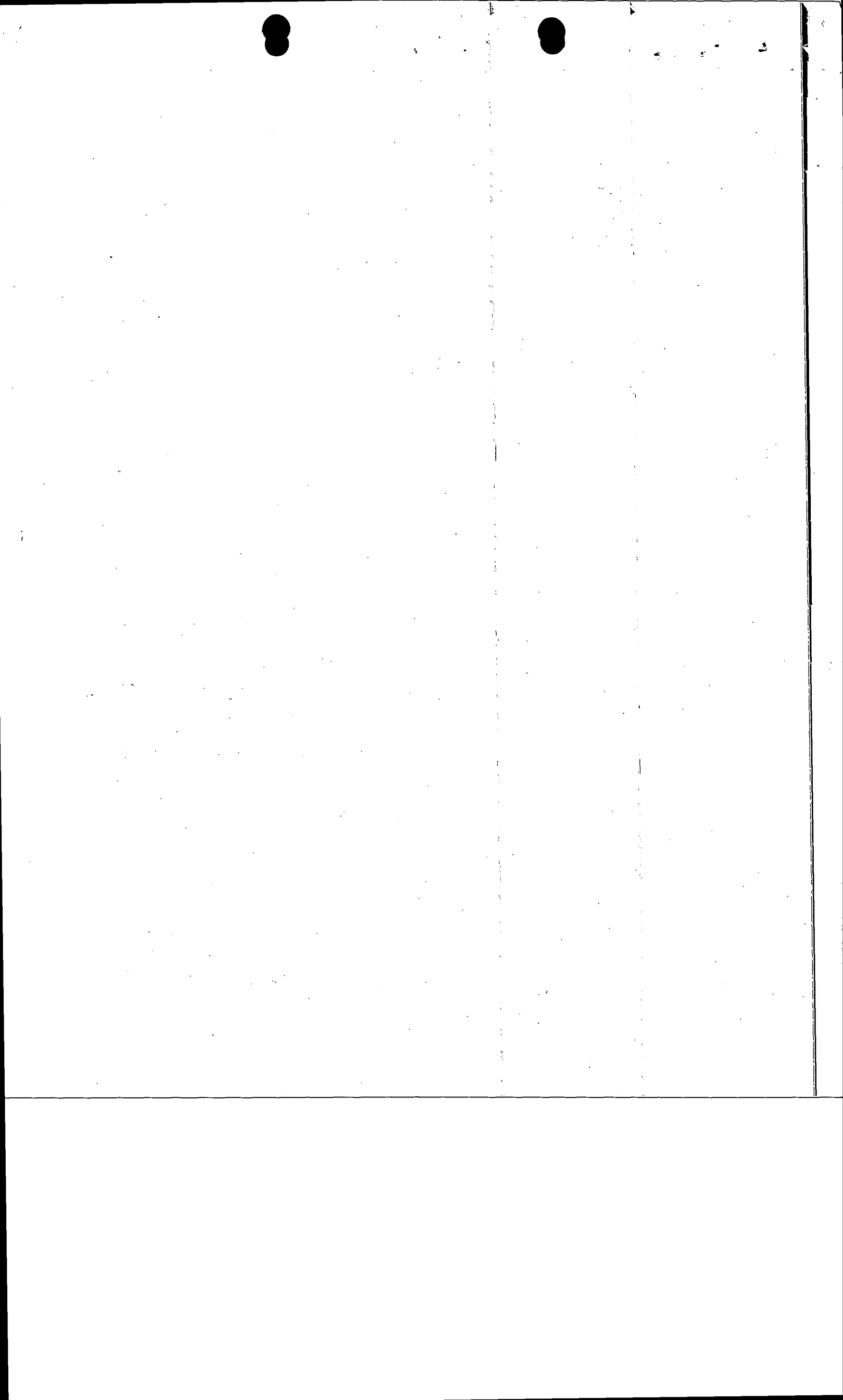
City of Santa Cruz  
809 Center Street, Room 102  
Santa Cruz, California 95060  
Attn: Ms. Linette Almond  
Phone: (831) 420-5200  
Fax: (831) 420-5201

Documents related to this proposed project are also available for review at the City of Santa Cruz offices at the address listed above.

In addition, a **PUBLIC SCOPING MEETING** on the EIR will be held June 24, 2004 at 7:00 p.m. in the Planning Department Conference Room, 1<sup>st</sup> Floor City Hall Annex, at 809 Center Street.

**Enclosures:**

1. Project Information
2. General Project Location Map



## PROJECT INFORMATION

### *Notice of Preparation for the North Coast System Rehabilitation Project Program EIR*

#### ***Project Location***

The proposed project is in northern Santa Cruz County, primarily north of the City of Santa Cruz. Project activities would occur both within the City of Santa Cruz and the County of Santa Cruz.

#### ***Project Description***

The Santa Cruz Water Department (SCWD) has operated and maintained the 18-mile long North Coast System (NCS) since the 1880s. The North Coast diversion water rights were acquired by the City prior to 1914 and enable the City to divert flow year round. The system relies entirely on rainfall runoff and groundwater infiltration to furnish approximately 30 percent of SCWD's overall water production. The diversion structures on its three coastal streams range in age from approximately 80 years, to over 120 years. Over half of the approximately 18 miles of conveyance pipeline is over 40 years old. As a result, limitations of the existing pipeline system include:

#### **Pipeline System Limitations**

- Age/Condition – The age of the pipelines has resulted in deterioration of pipe materials, resulting in increased frequency of leaks and need of emergency repairs.
- Hydraulic Constraints – Hydraulic constraints on the Majors Reach limit the diversion capacity during certain operating conditions.
- Access Constraints – Limited access to many of the pipeline reaches has resulted in increased maintenance requirements, potential damage to the environment, and in some cases, more costly and complicated repairs.

#### **Diversion Structure Limitations**

- Sediment Accumulation – The original design of the diversion structures does not provide sufficient sediment flushing/transport capabilities, resulting in a buildup of rock, sand, and debris.
- Lack of Remote Operating and Monitoring Capability – The original design and current configuration of the diversion structures does not provide remote operation and monitoring capability at Reggiardo, Laguna, and Majors Diversions.
- Structural Integrity – Despite their age, the main structural elements of the diversion structures are in generally good condition, except for minimal damage at the end wall abutments. Modifications are necessary for the structures to remain operational into the future.

In order to maintain the NCS as a reliable delivery system of water into the future, the City of Santa Cruz Water Department is proposing to implement a long-term rehabilitation and replacement program for the North Coast pipelines and diversions. The program would be implemented over a period of 10 to 20 years. Much of the proposed pipeline replacement as well as the proposed rehabilitation work to the diversion facilities would not require substantial changes in operations and maintenance (O&M) from baseline activities conducted for the existing pipeline. Additionally, the proposed project would not result in an increase in system capacity.

The NCS includes five distinct pipeline reaches (Liddell, Laguna, Laguna/Liddell, Majors and the North Coast Pipeline Reach (NCP Reach). The system extends above ground and underground through developed and un-developed areas, and traverses along or beneath roadways. The purpose of the NCS is to divert flow from the creeks in the upper watersheds via three feeder pipelines (Liddell, Laguna, and Majors) that connect to the NCP Reach for delivery to the Graham Hill Water Treatment Plant. The water is then distributed to service area customers.

The City of Santa Cruz maintains an 8- to 10- foot ROW along the existing pipeline route in most areas. Some portions of the pipeline are adjacent to existing structures, (such as private yards or residences) and access roads. The 18-mile NCS includes:

- Approximately 5.5 miles of the system is located within developed areas (mountain residential and City of Santa Cruz);
- Approximately 1.5 miles of the system extends beneath city surface streets from the Meder Street extension to High Street;
- Approximately 4 miles of the system runs along Highway 1 from Laguna Creek on the west to Wilder Ranch State Park entrance on the east (Jones & Stokes, 2000).
- The remaining 12.5 miles of the system runs through undeveloped areas (Coast Dairies and Wilder Ranch State Park).

Details of the pipeline facilities are provided in Table 1.

Table 1.  
Summary of Existing North Coast System Facilities

Pipeline Reach	Total Pipeline Length (Linear Ft.)	Pipeline Below Ground (Linear Ft)*	Percent Below Ground*	Feet of Pipeline Above Ground (Linear Ft)*	Percent Above Ground*
Liddell	10,000	9,900	99	100	1
Laguna/Liddell	5,900	5,310	90	590	10
Laguna	13,000	5,850	45	7,150	55
Majors	11,000	2,750	25	8,250	75
NCP	42,250	39,825	90	4,425	10

Rehabilitation work on the NCS would include replacement of the supply pipelines and rehabilitation of the diversion structures. The pipeline replacement work would include replacement of the pipelines in their current alignments or the construction of new alternative alignments, designed to avoid sensitive habitats, for example potentially sensitive riparian areas. Due to the size of the NCS and funding limitations, work on each of the five pipeline reaches would likely occur independent of each other and could include a mix of existing

and new alignments. It is also possible that the pipeline routing may require a change from the present "gravity-flow" system to a "pumped" system for the Laguna or Majors reaches.

Under the proposed project, rehabilitation of the 120-year old diversion structures also would occur. Modifications to these structures, which are located above the anadromous reaches of the creeks, would include the installation of a cofferdam and a temporary bypass system, dewatering, earthwork, reinforced concrete demolition and construction, metal work fabrication and installation, stone protection, and miscellaneous electrical and mechanical services, including a pneumatically operated spillway gate. This work will enable the diversion structures to facilitate passage of suspended sediment and bed load downstream in a more natural manner, minimizing the need for manual clearing of these materials.

Alternative pipeline routes have been identified and evaluated to determine whether they would provide the following:

- A more efficient means of pipeline replacement;
- A more environmentally sound method of replacement;
- More efficient access for future maintenance and repair of the pipeline; and
- Equally or more efficient transport of raw water from the diversions to the Coast Pump Station (CPS).

Locations of the pipelines (existing and alternate alignments) and diversion structures are shown on Figure 1. The final project would likely consist of a mix of both existing and alternate pipeline alignments. Pipeline alignments would be within existing or newly acquired city owned rights-of-ways.

Cultural Resources. The PEIR will evaluate the potential for excavation, grading, or project operation to disturb identified or previously unidentified prehistoric and cultural resources in the area.

Aesthetics. The project area is largely rural. The PEIR will evaluate potential impacts to visual resources resulting from the replacement of project facilities, especially in areas known to possess scenic vistas and recreation opportunities. The PEIR also will evaluate potential impacts to viewsheds from both construction and operation and maintenance activities.

Air Quality. The PEIR will evaluate potential impacts to air quality from project construction and operation and maintenance activities.

Noise. The PEIR will evaluate the effects of increases in noise levels that could result from project-related traffic and any other significant noise sources associated with project operation and maintenance activities.

Hazardous Materials. The PEIR will evaluate the history of known hazardous materials used in the project area, specifically within the City of Santa Cruz. Short-term hazardous materials issues associated with project construction will also be considered.

Traffic. The PEIR will evaluate potential impacts to traffic and circulation from project construction and operation, including potential, temporary street closures in residential neighborhoods located in the City of Santa Cruz.

Public Services and Utilities. The PEIR will evaluate potential impacts to public services and utilities from project construction and operation and maintenance activities, including any disruption of water supplies.

Cumulative and Growth Inducing Impacts. The PEIR will examine the cumulative impacts of developing probable future projects in the area. This section will include a program-level cumulative analysis of the effects that may occur if the proposed system rehabilitation project is implemented within the projected 10 to 20-year time frame. The potential for growth-inducing impacts from the project also will be evaluated.

### **Alternatives**

The proposed rehabilitation program is intended to evaluate options for the replacement of the aging pipeline and rehabilitation of the diversion structures to ensure a safe, efficient, and reliable supply of water for the City of Santa Cruz. No additional pipeline capacity would result from the proposed project and no new pipeline facilities would be constructed. As a result, project alternatives associated with each of the five pipeline reaches (with the exception of Majors) will include the following:

- No Project Alternative
- Existing Alignment Alternative
- Alternate Alignment Alternative

The Majors Reach will include a second "alternate" alternative. The three diversion structures will include both "No Project" and "Rehabilitation" alternatives. The various pipeline reach alternatives are further described below.

- **Liddell Reach -Existing Alignment Alternative**-The Liddell Reach Existing Alignment would replace the existing riveted and welded steel pipeline with 10- to 12-inch inside diameter (id) HDPE pipe within the existing ROW.
- **Liddell Alternative**-The proposed alternative for the Liddell Reach addresses a short segment of the pipeline from the spring box to the point where the pipeline enters the canyon bottom. From this point (1,522 feet) to the "Y," this alternative is identical to the existing Liddell alignment described above. This alternative would require additional new easement to implement.
- **Reggiardo Reach -Existing Alignment Alternative**-The proposed Reggiardo Reach Existing Alignment would replace the existing riveted steel, 8-inch pipeline with 8-inch (id) HDPE pipe along the existing alignment with no deviations from the existing ROW.
- **Laguna Reach - Existing Alignment Alternative** -The proposed Laguna Reach Existing Alignment would replace the existing riveted and welded steel pipeline with 12 to 16 inch (id) HDPE pipe along the existing alignment with no significant deviations from the existing ROW.
- **Laguna Alternative**-The Laguna Reach alternative was conceived to provide a pipeline route that would run outside of the Laguna Creek canyon and reduce the number of stream crossings required. The alternative includes the installation of a pump station at the Laguna Diversion site to pump the water up to the ridgeline north of Laguna Creek, along the ridgeline and down to the "Y".
- **Laguna/ Liddell Reach-Existing Alignment Alternative**-This alternative would run from the "Y" through the lower Laguna watershed to the beginning of the NCP Reach at Highway 1. This reach of riveted and welded steel pipeline would be replaced with 12 to 16 inch (id) HDPE pipe. The proposed Project would replace the pipeline within the existing ROW with only minor deviations.
- **Laguna/ Liddell Alternative**-The Laguna/ Liddell Reach Alternative would run from the relocated "Y" on the western side of "Y" Creek along the access road to the beginning of the NCP Reach. The pipeline would be constructed entirely from 12 to 16 inch (id) HDPE.
- **Majors Creek Reach-Existing Alignment Alternative**-The proposed Majors Creek Existing Alignment (MAJ) would replace the riveted and welded steel, and HDPE pipeline with 12 to 16 inch (id) HDPE pipe within the existing ROW from the Majors Creek Diversion intake to the confluence with the NCP Reach near Highway 1.
- **Majors Reach-Alternative 1 (Ridge Top Alternative)** -This alternative was conceived to reduce the extent of the pipeline construction on steep forested slopes, eliminate the cliff boring, provide greater ease of construction, and access for maintenance. This alternative would include the construction of a pump station at the Majors Creek Diversion that would lift the water up to the ridgeline on the southern side of the canyon. The pipeline would be above ground from the pump station to the top of the canyon ridgeline, then would transition to below ground and continue along south ridgeline along the top of the bluff, rejoining the existing ROW in the first tier marine terrace south of the cliff boring.

**Majors Reach-Alternative 2 (Road Alternative)**-This alternative was conceived for two reasons. First, similar to Majors Alternative 1, this alternative would reduce the extent of pipeline construction on steep forested slopes, it would eliminate cliff borings, and it would provide for greater ease of operation and

maintenance. Similar to the Ridge Top Alternative, this alternative would include construction of a new pump station at the Majors Creek Diversion. The pump station would provide operating pressure to "lift" the water from the diversion to the top of the ridgeline via a pipeline route that follows the existing access road. In addition, this alternative would minimize construction in the open coastal plain area.

- **North Coast Pipeline Reach (NCP)**-The existing NCP Reach's riveted and welded steel pipeline would be replaced with 16 to 24 inch (id) welded steel pipe in most areas. The pipeline would be replaced within the existing ROW with minor deviations. The NCP Reach runs from the end of the Laguna/Liddell Reach to the CPS. It is anticipated that the existing pipeline segment that extends from approximately High Street to the CPS would be constructed in an alternate ROW because it currently passes through numerous private properties, in very close proximity to residential homes and commercial buildings. These structures were built after the pipeline was constructed and construction in this area would result in major disruptions. Instead, this segment would follow nearby city streets and would likely be combined with other similar, previously planned projects in the area.
- **NCP Reach Alternative**-The NCP Reach alternate alignment was conceived to eliminate replacement of the pipeline through the residential neighborhood northeast of High Street; the steeply forested drop down to and through Harvey West Park; passage through the industrial/ commercial area north of Harvey West Park; the creek crossing at Pogonip Creek; and the railroad crossing at Golf Club Drive. This alternative alignment would continue down High Street to the dead end at Highway 1. The pipeline would then run along the bike path from High Street to Evergreen Street, then run northeast along Coral Street to River Street. From here, the pipeline would turn north and proceed north on River Street to the CPS. The NCP Alternative is identical to the NCP existing alignment from p.d. 0 to 38,000 feet.



STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS  
P.O. BOX 2000, SACRAMENTO, CA 95812-2000  
(916) 657-2170

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

**PLEASE COMPLETE AND RETURN THIS FORM BY JULY 1, 1999**

**OWNER OF RECORD: CITY OF SANTA CRUZ**

CITY OF SANTA CRUZ  
WATER DEPT - ROOM 102  
809 CENTER ST  
SANTA CRUZ, CA 95060

**STATEMENT NO: S002042**

**SOURCE: LAGUNA CREEK**  
**TRIBUTARY TO: PACIFIC OCEAN**  
**COUNTY: SANTA CRUZ**

**DIVERSION**  
**WITHIN: SW¼ OF SW¼ SECTION 30, T10S, R2W, MB&M.**

**TELEPHONE NUMBER:**  
~~XXXXXX-XXXX~~ (831) 420-5200  
**YEAR OF FIRST USE: 1890**  
**PARCEL NO:**

- A. Water is used under: Riparian claim \_\_\_\_\_ Pre 1914 right XX Other (explain): \_\_\_\_\_
- B. Year of first use (Please provide if missing above) \_\_\_\_\_
- C. Amount of Use - Enter the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Million  
Amounts below are: Gallons XX Acre-feet \_\_\_\_\_ Other \_\_\_\_\_

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1996	41.29	27.38	50.65	68.72	98.92	112.13	92.11	54.53	52.43	43.53	17.04	47.02	705.75
1997	40.89	101.6	106.6	109.66	82	67.34	55.67	45.87	38.39	32.72	35.64	64.83	781.20
1998	79.79	58.19	111.79	51.45	74.18	123.06	116.45	89.03	52.96	53.18	53.63	59.18	922.88

- D. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation unknown acres; Stockwatering unknown; Domestic 88,000 population

Other (specify) \_\_\_\_\_

- E. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

- F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Describe any water conservation efforts you may have started: See attachment 1

b. \_\_\_\_\_

c. If credit toward beneficial use of water under claimed pre 1914 appropriative water right for water not used due to a conservation effort is claimed under section 1011 of the Water Code, please show the amounts of water conserved:

19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg)

2. Water quality and wastewater reclamation

a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES \_\_\_\_\_ NO X

STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS  
P.O. BOX 2000, SACRAMENTO, CA 95812-2000  
(916) 657-2170

- b. If credit toward use under a claimed pre 1914 appropriative water right through substitution of reclaimed water, desalinated water or polluted water in lieu of appropriated water is claimed under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of reclaimed water used:

19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg)

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES \_\_\_\_\_ NO X \_\_\_\_\_

- b. If credit toward use under a claimed pre 1914 appropriative right through substitution of groundwater in lieu of appropriated water is claimed under section 1011.5 of the Water Code, please show the amounts of groundwater used:

19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg) 19 \_\_\_\_\_ (af/mg)

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: June 30, 19 99 at Santa Cruz, California

SIGNATURE: [Signature]

PRINTED NAME: Bill Kocher, Water Director  
(first name) (middle init.) (last name)

COMPANY NAME: City of Santa Cruz Water Department

If there is insufficient space for your answers, please use the space provided below.

ITEM CONTINUATION


GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or divert water which originates in a different watershed, or return flows from use of groundwater.

An appropriative right is required for use of water on nonriparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State.

Statements of Water Diversion and Use must be filed by riparian and per 1914 appropriative water users. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

## SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.  
Notify this office if ownership or address changes occur during the coming year.

PLEASE COMPLETE AND RETURN THIS FORM BY JULY 1, 1997

OWNER OF RECORD: CITY OF SANTA CRUZ

BILL KOCHER  
809 CENTER STREET, ROOM 102  
SANTA CRUZ, CA 95060

STATEMENT NO: S002042



SOURCE: LAGUNA CREEK  
TRIBUTARY TO: PACIFIC OCEAN  
COUNTY: SANTA CRUZ  
DIVERSION  
WITHIN: SW $\frac{1}{4}$  OF SW $\frac{1}{4}$  SECTION 30, T10S, R2W, MB&M.

TELEPHONE NUMBER:  
(408) 429-3670  
YEAR OF FIRST USE: 1890  
PARCEL NO:

- A. Water is used under: Riparian claim \_\_\_\_\_; Pre 1914 right ☒ \_\_\_\_\_; Other (explain): \_\_\_\_\_
- B. Year of first use (Please provide if missing above) \_\_\_\_\_
- C. Amount of Use - Enter the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons ☐ Acre-feet ☒ (other) million gallons

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1994	17.76	10.978	37.779	21.918	24.891	25.057	31.305	27.77	45.99	22.289	10.458	10.66	286.658
1995	.133	30.748	58.104	78.001	89.785	90.549	91.03	79.5	58.7	51.76	42.86	44.23	715.38
1996	41.29	27.382	50.651	68.722	98.92	112.13	92.107	54.529	24.06	43.53	17.036	47.023	705.75

- D. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation \_\_\_\_\_ acres; Stockwatering \_\_\_\_\_; Domestic \_\_\_\_\_  
Other (specify) \_\_\_\_\_
- E. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)  
\_\_\_\_\_
- F. If part of the water listed in Part C consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.  
\_\_\_\_\_

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: 6/18/97, 19 97 at SANTA CRUZ, California

SIGNATURE: Bill Kocher

PRINTED NAME: BILL

(FIRST NAME)

(MIDDLE INIT.)

(LAST NAME)

COMPANY NAME: CITY OF SANTA CRUZ

See back of page for General Information. If there is insufficient space for your answers, please number them in the space provided on the back of this form.



STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS  
P.O. Box 2000  
Sacramento, CA 95812-2000

STATEMENT OF WATER DIVERSION AND USE  
INFORMATION SHEET

STATEMENT NO. S002042

DIVERSION SITE:

OWNER'S NAME City of Santa Cruz

(FIRST)

(MIDDLE)

(LAST)

PARCEL NO. 62-101-03

PLACE OF USE:

OWNER'S NAME City of Santa Cruz; City of Capitola

(FIRST)

(MIDDLE)

(LAST)

1. PARCEL NO. various

2. PARCEL NO. \_\_\_\_\_

3. PARCEL NO. \_\_\_\_\_

PERSON OR FIRM TO RECEIVE ALL CORRESPONDENCE AND SUPPLEMENTAL  
STATEMENTS:

OWNER/LESSEE/AGENT/OTHER City of Santa Cruz Water Department

NAME Bill

Kocher

(FIRST)

(MIDDLE)

(LAST)

MAILING ADDRESS 809 Center Street, Room 102

Santa Cruz

CA

95060

(CITY)

(STATE)

(ZIP)

TELEPHONE NO. ( 408 ) 429 - 3670

OTHERS USING ABOVE DIVERSION LOCATION:

1. NAME \_\_\_\_\_

(FIRST)

(MIDDLE)

(LAST)

MAILING ADDRESS \_\_\_\_\_

(CITY)

(STATE)

(ZIP)

TELEPHONE NO. ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

2. NAME \_\_\_\_\_

(FIRST)

(MIDDLE)

(LAST)

MAILING ADDRESS \_\_\_\_\_

(CITY)

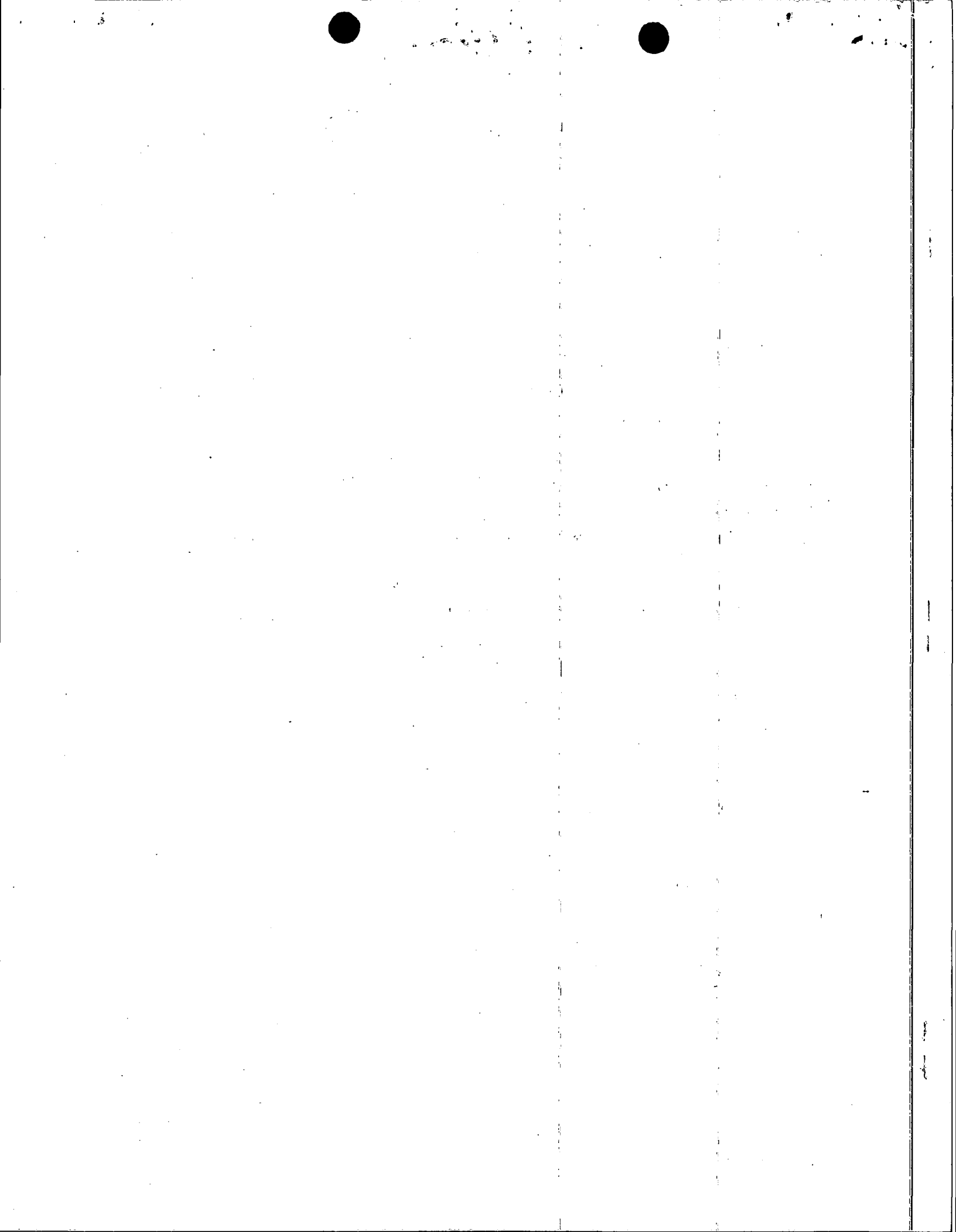
(STATE)

(ZIP)

TELEPHONE NO. ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

☐ ADDITIONAL INFORMATION CONTINUED ON BACK OF PAGE OR ATTACHED

PLEASE USE THE OTHER SIDE TO PROVIDE THE ABOVE INFORMATION FOR  
ADDITIONAL OWNERS OR PLACES OF USE AND CHECK THE ADDITIONAL  
INFORMATION BOX.



**\*\* PLEASE COMPLETE, SUBMIT THE ORIGINAL AND MAKE A COPY FOR YOUR RECORDS \*\*\***

**STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS**

P.O. BOX 2000 SACRAMENTO, CA 95812-2000

**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE**

STATEMENT NO: S002042  
OWNER OF RECORD: CITY OF SANTA CRUZ

CITY OF SANTA CRUZ  
809 CENTER ST ROOM 102  
SANTA CRUZ, CA 95060

STATE WATER RESOURCES CONTROL BOARD  
DIV. OF WATER RIGHTS  
SACRAMENTO  
1995 MAY 17 PM 3:05

SOURCE: LAGUNA CREEK  
TRIBUTARY TO: PACIFIC OCEAN  
COUNTY: SANTA CRUZ  
DIVERSION  
WITHIN: SW $\frac{1}{4}$  OF SW $\frac{1}{4}$  SECTION 30, T10S, R2W, MDB&M.

TELEPHONE NUMBER:  
(408) 429-3670  
YEAR OF FIRST USE: 1890  
PARCEL NO:

(If any of the above information is inaccurate or missing, please correct. Notify this office if ownership or address changes occur during the coming year.)

**COMPLETE AND RETURN THIS FORM BY JULY 1, 1995**

- A. Water is used under: Riparian claim \_\_\_\_\_; Pre 1914 right X \_\_\_\_\_; Other (explain) \_\_\_\_\_
- B. Year of first use (Please provide if missing above) \_\_\_\_\_
- C. Amount of Use - Enter the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons ☐ Acre-feet ☒ (other) million gallons

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL ANNUAL
1992	14.16	7.85	24.31	32.68	30.29	29.68	29.35	22.93	20.90	19.14	23.21	8.78	263.29
1993	2.33	12.55	45.50	79.83	65.24	58.76	55.59	42.81	33.8	26.16	17.58	12.72	452.86
1994	17.76	10.98	37.78	21.92	24.69	25.06	31.31	27.77	45.99	22.29	10.46	10.66	286.66

- D. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.
- Irrigation 100,000 acres; Stockwatering UNKNOWN; Domestic 80,000 PEOPLE
- Other (specify) \_\_\_\_\_

**\*\*\* CONTINUE ON BACK PAGE \*\*\***

\*\*\* PLEASE COMPLETE, SUBMIT THE ORIGINAL AND MAKE A COPY FOR YOUR RECORDS \*\*\*

E. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NO CHANGE

F. If part of the water listed in Part C consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

NONE

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: 5/12, 19 95, at SANTA CRUZ, California

SIGNATURE:

PRINTED NAME:

WILLIAM  
(FIRST NAME)

R.  
(M. NAME)

KOCHER  
(LAST NAME)

COMPANY NAME:

CITY OF SANTA CRUZ WATER DEPARTMENT

#### GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, or return flows from use of groundwater.

An appropriate right is required for use of water on nonriparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914 new appropriators have been required to obtain a permit and license from the State.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversion, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include:

"Statements of Water Diversion and Use"

"Information Pertaining to Water Rights in California"

"Water Rights for Stockponds Constructed Prior to 1969"

"Appropriation of Water in California"



STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER RIGHTS

P.O. BOX 2000 SACRAMENTO, CA 95812-2000  
(916) 657-1875

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

STATEMENT NO: 002042

CITY OF SANTA CRUZ  
P O BOX 682  
SANTA CRUZ, CA 95061

TELEPHONE NUMBER:  
(433) 429-3670

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN

COUNTY: SANTA CRUZ

YEAR OF FIRST USE: 1890

DIVERSION

WITHIN: SW1/4 OF SW1/4 SECTION 30, T13S, R02W, MDB&M.

COMPLETE AND RETURN THIS FORM BY JULY 1, 1994

- A. Water is used under: Riparian claim \_\_\_\_\_; Pre 1914 right ☒ \_\_\_\_\_; Other (explain) \_\_\_\_\_
- B. Year of first use (Please provide if missing above) \_\_\_\_\_
- C. Amount of Use - Enter the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons ☐ Acre-feet ☒ (other) MILLION GALLONS

JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. TOTAL ANNUAL

1991	17.833	22.350	2.664	30.162	25.473	37.922	28.281	26.873	20.035	15.121	14.418	7.757	248.889
1992	14.161	7.846	24.312	32.683	30.294	29.678	29.348	22.932	20.903	19.142	23.213	8.779	263.291
1993	2.333	12.545	45.498	79.834	65.238	58.762	55.587	42.81	33.8	26.158	17.575	12.72	452.86

- D. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.  
Irrigation 104,434 CCF acres; Stockwatering UNKNOWN; Domestic 80,000 PEOPLE  
Other (specify) \_\_\_\_\_

- E. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NO CHANGES

- F. If part of the water listed in Part C consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

N/A

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: March 22, 19 94, at Santa Cruz, California

Signature: B. Blocher

## GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

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"Appropriation of Water in California"

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
Division of Water Rights

P.O. BOX 2000 SACRAMENTO, CA 95812-2000  
901 P ST. SACRAMENTO, CA 95814

STATE WATER RESOURCES  
(916) 322-4503  
(916) 324-5676

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

1991 FEB 20 AM 8:05

DIVERTER OF RECORD:

CITY OF SANTA CRUZ  
P O BOX 682  
SANTA CRUZ, CA 95061

DIV. OF WATER RIGHTS  
SACRAMENTO

STATEMENT NO: 002042

TELEPHONE NUMBER:  
(408) 429-3670

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN

COUNTY: SANTA CRUZ

DIVERSION

WITHIN: SW1/4 OF SW1/4 SECTION 30, T10S, R02W, MDB&M.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. RETURN THIS FORM BY JULY 1, 1991. (Additional information on reverse side of this form.)

- A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.
- Amounts ☒ Million Gallons  
below are: ☐ Acre-feet  
☐ (other)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1988	25.042	30.246	21.578	11.325	19.116	15.958	11.706	26.384	20.772	17.423	11.401	11.883	222.834
1989	23.911	13.652	18.424	37.361	18.120	36.500	25.455	28.836	28.000	25.749	39.579	35.062	330.649
1990	28.569	23.099	21.602	19.812	17.138	28.588	23.418	37.711	32.798	32.585	32.334	21.245	318.899

- B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation \_\_\_\_\_

Stockwatering \_\_\_\_\_

Domestic 21,538 \_\_\_\_\_

Other (specify) \_\_\_\_\_

- C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

No changes.

- D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

N/A

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: FEB 13, 19 91, at SANTA CRUZ, California

Signature: 

WATER DEPT.  
RECEIVED  
JAN 18 1991

## GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

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An appropriative right is required for use of water on nonriparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914 new appropriators have been required to obtain a permit and license from the State.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversion, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include:

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- "Appropriation of Water in California"

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
STATE WATER RIGHTS BOARD

STATEMENT OF WATER DIVERSION AND USE

S 2012

This statement should be typewritten or legibly written in ink.

- A. Name of person diverting water City of Santa Cruz  
Address Post Office Box 919, Santa Cruz, California 95060
- B. Name of body of water at point of diversion Laguna Creek  
Tributary to Pacific Ocean
- C. Place of diversion SW 1/4 SW 1/4 Section 30, Township 10S, Range 2W, MD 1000  
Santa Cruz County, or locate it on sketch of section grid on reverse side with regard to section lines or prominent local landmarks.

D. Name of works Laguna Creek Diversion Dam

E. Capacity of diversion works

Capacity of storage reservoir N/A

million

State quantity of water used each month in gallons or acre-feet

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Ann
1966	2,577	4,969	7,984	9,583	35,928	27,282	22,589	18,695	15,543	19,764	24,466	78,595	559,717

If monthly and annual use are not known, check months in which water was used. State extent of use in units, such as acres of each crop irrigated, average number of persons served, number of stock watered, etc.

Maximum annual water use in recent years 1963 756.129 Million

Minimum annual water use in recent years 1961 193.654 Million

Type of diversion facility: gravity ☒ , pump

Method of measurement: weir , flume , electric power meter , water meter ☒ , estimate

F. Purpose of use (what water is being used for) Municipal, Domestic, Industrial, Irrigation

G. General description or location of place of use (use sketch of section grid on reverse side if you desire) City of Santa Cruz Water Service Area

H. Year of first use as nearly as known 1890

I. Name of person filing statement Weston L. Webber

Position Director of Water Department Organization Santa Cruz Municipal Utilities

Address Post Office Box 919, Santa Cruz, California 95060

I certify that the foregoing statements are true and correct to the best of my knowledge and belief.

Date signed June 29, 1967

Signature Weston L. Webber

See Instructions on Reverse Side